



BGI Ltd
Bio Global Industries

MARCH NEWSLETTER

Bio Global Industries Ltd — Monthly Newsletter

March 2017

BSL puts onus on wood fuel suppliers



After concerns that treated waste wood containing elevated concentrations of copper, chromium and arsenic is being distributed in wood-fuel supply chains, including

the RHI supply chain, the BSL has put the onus back onto wood fuel suppliers.

They are stating that burning treated waste wood as a fuel is **subject to waste management controls** and must only be done under an appropriate permit. **Supplying or burning waste derived woodfuel in an unauthorized combustion plant is an offence.**

Unauthorised boilers and other combustion plants burning waste derived woodfuel are unlikely to meet the manufacturer's operating instructions, nor will these plants have adequate control systems on emissions.



Renewable Heat Incentive payments may be withdrawn where participants use fuel that is not specified on their boiler's emissions certificate.

If you manage waste wood, please review your procedures and ensure that your customer (i.e. the person purchasing your processed waste wood) holds an appropriate permit that authorises them to burn waste wood or has registered an exemption and is complying with the terms and conditions of that exemption.

They state that **"You have a Duty of Care to do this and may commit an offence if you don't."**

"We had a full- house for our first Mega Watt Installer Partner Programme and due to numerous requests, we will be running more Training Days this year, covering these larger capacity biomass systems."

*- Matthew Hunt,
Managing Director, BGI Ltd.*

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Expansion & New Staff Members at BGI

Our recruitment drive for 2017 to support our back-office facility has resulted in some new appointments.



Chris Harding joined our company as **Head of Finance** in January 2017 and his primary focus is planning our finances to smooth our growth curve.

He will also be producing financial planning and managing the financial risks of the company as well as financial reporting to the directors.

We are also in the process of recruiting other office staff who will provide valuable support to our growing business.

Our new Conference Room facility is currently under construction at our HQ to accommodate our expanding schedule of Installer Training Courses and we look forward to sharing details of this with you soon.

BGI Installer Partner Programme

A lot has changed within the industry since we started to undertake training with some of our early installers. Through our extensive research and development of low cost fuels such as **Waste Wood**, **MDF Dust**, **Non Woody Biomass**, and **Waste To Fuel Conversion**, we can now enable our installation partners to approach a whole new range of industries.

If you would like to become a BGI Partner and join our expanding network of Installers, please contact us directly to register onto one of our forthcoming Installer Training Days:

Our next Installer Training Days

will be held on:

Tuesday 9th May & Tuesday 13th June

Booking is essential. Please contact us directly on 01494 757055 or info@b-g-i.co.uk



Mega Watt Installer Partner Programme

During February, we successfully launched our partnership with Eurobiomass Polska, part of Leroux and Lotz Technologies, which now enables us to supply fully automatic boilers ranging from 200kW up to 15MW in capacity, all fired by a variety of biomass and waste with different sizes and humidity.

The day was well attended and installers from all around the UK were introduced to our partner, their core technologies in this field and new insights into fuels, waste as a fuel and changes in UK emissions targets which have come into force.



The next available date for Mega Watt Training is **Wednesday 12th April** and this event will be held again at Latimer Place, Chesham, in Buckinghamshire.

If you would like to secure a place at this event, please contact us directly on **01494 757055**.

RHI Update

From March 2017, the following changes to the RHI will take place:

- **Drying digestate** for biogas plants will no longer be eligible for RHI support.
- Under '**Eligible Heat Use**' the government will not be making any immediate changes however they will be reviewing whether wood fuel drying should remain as an eligible heat use.
- **Planning Permission** will be required for all new plant, as well as additional capacity added to existing plant, in order to be eligible for support through the non domestic RHI.
- Following consultation, the reforms will not amend the current rules governing **additional capacity**.
- **Effective Dates**—In general, the changes described above will come into force on the date the regulations come into force and will only be applicable to participants with a tariff start date on, or after that date.

For a copy of the full document outlining the above, please contact us directly and we would be happy to forward it to you.





Department
for Environment
Food & Rural Affairs

Consultation on reducing emissions from Medium Combustion Plants and Generators to improve air quality

This recent consultation by the Department for Environment, Food & Rural Affairs seeks views on proposals designed to reduce emissions of harmful air pollutants from medium sized combustion plants in England and Wales.

Operators are required to monitor pollutant emissions periodically. The below plant monitoring frequencies should be interpreted as the minimum requirement:

| Type of Plant | Pollutants Monitored | Plant Capacity | Minimum Frequency |
|--|--|----------------|--|
| natural gas fired plants | Carbon monoxide (CO) and NO _x emissions | 1-20 MWth | Every 3 years |
| | | 20-50 MWth | Annually |
| plants firing gaseous fuels other than natural gas | CO, NO _x and SO ₂ emissions | 1-20 MWth | Every 3 years |
| | | 20-50 MWth | Annually |
| plants firing solid and other liquid fuels | CO, NO _x , SO ₂ and PM emissions | 1-20 MWth | Every 3 years |
| | | 20-50 MWth | Annually |
| biomass and other solid fuels (operating <500 hours per annum) | CO and PM emissions | 1-20 MWth | Every 1,500h of operation, and at least once every 5 years |
| | | 20-50 MWth | Every 500h of operation, and at least once every 5 years |
| gaseous and liquid fuels (operating <500 hours per annum) | CO emissions | 1-20 MWth | Every 1,500h of operation, and at least once every 5 years |
| | | 20-50 MWth | Every 500h of operation, and at least once every 5 years* |

PART 2 - Emission limit values for new medium combustion plants

Table 1 - Emission limit values (mg/Nm³) for new medium combustion plants other than engines and gas turbines

| Pollutant | Solid biomass | Other solid fuels | Gas oil | Liquid fuels other than gas oil | Natural gas | Gaseous fuels other than natural gas |
|-----------------|---------------------|---------------------|---------|---------------------------------|-------------|--------------------------------------|
| SO ₂ | 200 ⁽¹⁹⁾ | 400 | — | 350 ⁽²⁰⁾ | — | 35 ⁽²¹⁾⁽²²⁾ |
| NO _x | 300 ⁽²³⁾ | 300 ⁽²³⁾ | 200 | 300 ⁽²⁴⁾ | 100 | 200 |
| Dust | 20 ⁽²⁵⁾ | 20 ⁽²⁵⁾ | — | 20 ⁽²⁶⁾ | — | — |

For a copy of the full version of this important document or for clarification on any of the above, please give us a call on **01494 757055**.

Contact Us:

Please call us for more information about our range of biomass boilers, fuels and associated products.

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